



Smooth Bore PTFE Stainless Steel Braided Hose



Our stainless steel braided smoothbore Teflon hose is constructed of an extruded inner-core of virgin PTFE or carbon black static dissipative PTFE with 304 stainless steel wire braid reinforcement. The braid functions as a pressure carrier and protective covering. Smoothbore Teflon hose is found in many of the toughest service applications, handling "problem" fluids such as acids, solvents, fuels, and chemicals of all types. Available with thin or heavy wall tubing of PTFE (polytetrafluoro-ethylene).

Applications

- Chemical and Acid Transfer
- Steam Lines / Tire Presses
- Pharmaceutical
- High Temperature Hydraulic / Air Applications
- Food Process
- Pulp and Paper
- Fuel and Lubricant
- Glass Manufacturing
- Waste Water / Slurry

Benefits

- High working and burst pressure.
- Most economical of all hoses lined with PTFE.
- The low-friction surface of smooth bore hose provides for high flow rates.
- Easily drained and/or cleaned.
- Temperature Rating: -65°F (-54°C) to +450°F(+230°C)

Smooth Nominal Bore (SN) Dash Size Temperature range -65°F (-54°C) to 450°F (230°C)							
SIZE	I.D. NOMINAL (Inch)	Actual I.D. size (Inch)	Actual O.D. size (Inch)	WORKING PRESSURE (psi)	MIN. BURST PRESSURE (psi)	Min. Bend RADIUS (Inch)	WEIGHT PER FOOT (lbs)
-3	3/16"	.125	.23	3000	12000	2.0	.050
-4	1/4"	.19	.30	3000	12000	2.0	.060
-5	5/16"	.25	.37	3000	12000	2.3	.070
-6	3/8"	.32	.40	2500	10000	3.9	.090
-7	3/8"	.37	.50	2250	9000	4.5	.105
-8	1/2"	.41	.52	2000	8000	4.7	.124
-10	5/8"	.50	.59	1750	7000	5.3	.150
-12	3/4"	.62	.80	1500	6000	6.5	.225
-14	3/4"	.77	.89	1100	4400	7.4	.225
-16	1"	.87	1.05	1000	4000	7.8	.285
-16Z	1"	.87	1.03	1250	5000	9.0	.475
-20Z	1 1/4"	1.13	1.38	1000	4000	11.0	.585